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Date: JUNE 16, 2006

To: EXAMINER HUGHES, D. M.  
U.S. PATENT AND TRADEMARK OFFICE

Fax #: (571) 273-8300

From: FRANK C. NICHOLAS  
Phone #: (847) 424-2521

Client/Matter No.: 10030458-1 (8770/32)

# of Pages: 14

(including cover sheet)

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ATTORNEY DOCKET NO. 10030458-1 JUN 16 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): FALGUN D. PATEL, ET AL

Serial No.: 10/820,098

Examiner: HUGHES, DEANDRA M.

Filing Date: April 7, 2004

Group Art Unit: 3663

Title: OPTICAL SWITCH USING RARE EARTH DOPED GLASS

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☐ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	x 50	\$ 0
INDEP. CLAIMS		MINUS		= 0	x 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>st</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>nd</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>rd</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>th</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 0
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

FALGUN D. PATEL, ET AL

By

FRANK C. NICHOLAS  
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile  
transmitted to the Patent and Trademark Office on  
the date shown below

Date of facsimile: JUNE 16, 2006

Typed Name: FRANK C. NICHOLAS

Signature

Reg. No. 33,983

Date: JUNE 16, 2006

Telephone No. (847) 905-7111

AVAGO TECHNOLOGIES, LTD.  
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Denver, Colorado 80201-1920

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Respectfully submitted,

FALGUN D. PATEL, ET AL

By

FRANK C. NICHOLAS  
Attorney/Agent for Applicant(s)

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Date of facsimile JUNE 16, 2006

Typed Name: FRANK C. NICHOLAS

Signature

Reg. No. 33,983


Date: JUNE 16, 2006

Telephone No. (847) 905-7111

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(Date of Transmission)

FRANK C. NICHOLAS (33,983)  
Name of applicant, assignee or registered representative  
  
Signature  
June 16, 2006  
Date of Signature

PATENT  
Case No. 10030458-1  
(8770/32)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	)	
	)	
	)	
	)	
Serial No.:	)	Group Art Unit No.: 3663
	)	
Filing Date:	)	Examiner: HUGHES, D. M.
	)	
Title:	)	
	)	

FALGUN D. PATEL  
JEFFREY N. MILLER  
10/820,098  
APRIL 7, 2004  
OPTICAL SWITCH USING  
RARE EARTH DOPED GLASS

**AMENDMENT AND RESPONSE TO OFFICE ACTION**  
**DATED MARCH 16, 2006**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is in response to a Non-Final Office Action dated March 16, 2006.